

1 1. A method for measuring system performance in a mass storage system, the storage
2 system having a plurality of disk drive storage elements controlled by a disk drive controller,
3 said controller receiving commands and data from and returning at least data to a plurality of
4 host computers, said method comprising

5 executing at at least one host computer a test request by sending commands to said
6 mass storage system,

7 accumulating, at at least said executing host computer, data regarding performance of
8 said mass storage system, in response to the requests sent by said host computer, and

9 processing said accumulated data, regarding the performance of said mass storage
10 system in response to said host generated commands, said processing comprising validating
11 and correcting, as required, said accumulated data.

1 2. The method of claim 1 further comprising checking individual data points for
2 errors by applying predetermined decision criteria to said data points.

1 3. The method of claim 2 further wherein said checking comprises comparing overall
2 validity of said test results with expected results based upon a selected input/output
3 configuration profile.

1 4. The method of claim 2 further comprising flagging any inconsistencies based upon
2 expected results, and storing the flagged data in a system database.

1 5. The method of claim 4 wherein said storing comprises storing the flagged data in
2 separate files in the system database depending upon the nature of the flagged data.